

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **System, Device, and Method for Detecting Perturbations**, the specification of which was filed as a PCT patent application with the United States Patent and Trademark Office on **17 November 2003** , as PCT patent application serial number **PCT/US03/36680**.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**None**

I hereby claim the benefit under Title 35, United States Code, Section 119(e), of any United States provisional application(s) listed below:

**60/427,683, Filed 18 November 2002**

I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

first paragraph of Title 35, United States Code, Section 112. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**None**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Michael N. Haynes, Registration Number 40,014, with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all correspondence and telephone calls to:

Michael N. Haynes, Esq.  
1341 Huntersfield Close  
Keswick, VA 22947  
434-972-9988

Full name of 1st joint inventor: William B. Spillman, Jr.

Inventor's signature William B. Spillman Jr. Date 3/4/04

Residence: Floyd, Virginia

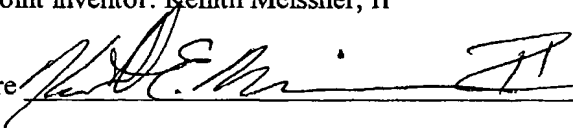
Citizenship: United States

Post Office Address: 196 Low Gap Road NW, Floyd, Virginia 24091

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

Full name of 2nd joint inventor: Kenith Meissner, II

Inventor's signature  Date 3/4/04

Residence: Blacksburg, Virginia

Citizenship: United States of America

Post Office Address: 3006 Tall Oaks Drive, Blacksburg, Virginia 24060

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

Full name of 3rd joint inventor: Jianmin Gong

Inventor's signature Jian Gong Date 3/4/04

Residence: Evanston, Illinois

Citizenship: China

Post Office Address: 1228 Oak Avenue, Evanston, Illinois 60202

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

Full name of 4th joint inventor: Michael F. Mayer

Inventor's signature Michael F. Mayer Date 3/8/04

Residence: Norfolk, Virginia

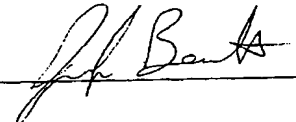
Citizenship: United States of America

Post Office Address: 8433 Millard Street, Norfolk, Virginia 23518

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Declaration and Power of Attorney**

Full name of 5th joint inventor: Jennifer Diane Bennett

Inventor's signature  Date 3/8/04

Residence: Leesburg, Virginia

Citizenship: United States of America

Post Office Address: 18989 Longhouse Place, Leesburg, Virginia 20176